

ABSTRACT OF THE DISCLOSURE**MULTI-CARRIER TRAFFIC ALLOCATION ENHANCEMENTS
TO REDUCE ACCESS FAILURES AND TO WORK ACROSS BANDS**

5 The carrier determination algorithm (CDA) used in multi carrier traffic
allocation in mobile wireless digital telephony is enhanced. Access failure rates
are reduced by the enhancements. One technique is based on selecting the
originating carrier if capacity is available on that carrier. Availability of resources
10 on other sections is also considered in selecting a carrier frequency, as is which
carriers are data-filled with the same priority when carrier priorities are
considered. Consideration is also given to possible alternative band carriers if in-
band carriers do not have adequate capacity.

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